

EXPRESS MAILING LABEL NO. EV 100 808 458 US

PATENT APPLICATION  
Docket No: 15689.95

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**FAX RECEIVED****DEC 19 2005**

In re application of

Takeshi Yoshimura et al.

Serial No.:

10/043,546

Filing Date:

January 10, 2002

Confirmation No.:

7337

For:

} ENCRYPTION APPARATUS, DECRYPTION  
} APPARATUS, AND AUTHENTICATION  
} INFORMATION ASSIGNMENT APPARATUS,  
} AND ENCRYPTION METHOD, DECRYPTION  
} METHOD, AND AUTHENTICATION  
} INFORMATION ASSIGNMENT METHOD} Art Unit  
} 2131REVOCATION AND SUBSTITUTE POWER OF ATTORNEYHonorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

The undersigned, Yoshitaro Shimanuki, declares: that he is the Intellectual Property Executive Manager of NTT DoCoMo, Inc., and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of NTT DoCoMo, Inc.; and that NTT DoCoMo, Inc. is the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the U.S. Patent Office at Reel 012866, Frame 0997, a copy of said document is attached at Exhibit A hereto; name change documents filed on October 23, 2002, a copy of said document is attached at Exhibit B, and that the documents have been reviewed by him, and to the best of his knowledge and belief title is in the assignee NTT DoCoMo, Inc.. The assignee, NTT DoCoMo, Inc., hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints all attorneys under customer number:

**022913****PATENT TRADEMARK OFFICE**

of WORKMAN, NYDEGGER & SEELEY, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon. All correspondence and telephonic communications should be directed to:

**ADRIAN J. LEE**  
**WORKMAN, NYDEGGER & SEELEY**  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

Signed this 30 day of September, 2002.

*Yoshitaro Shimanuki*

Yoshitaro Shimanuki  
Intellectual Property Executive Manager  
NTT DoCoMo, Inc.  
11-1, Nagatacho 2-Chome  
Chiyoda-Ku  
Tokyo 100-6150, Japan

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UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

15689.95

JULY 10, 2002

BROWN RAYSMAN MILLSTEIN FELDER ET AL.  
RALPH F. HOPPIN  
900 3RD AVE.  
NEW YORK, NY 10022

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.govDOCKETED  
Atty LE File # 15689.95  
By QX On 7/5/02  
Action \_\_\_\_\_  
Response Due \_\_\_\_\_

\*102085709A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/06/2002

REEL/FRAME: 012866/0997  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YOSHIMURA, TAKESHI

DOC DATE: 03/20/2002

ASSIGNOR:  
SUZUKI, TAKASHI

DOC DATE: 03/20/2002

ASSIGNOR:  
KAWAHARA, TOSHIRO

DOC DATE: 03/20/2002

ASSIGNOR:  
ETOH, MINORU

DOC DATE: 03/20/2002

ASSIGNEE:  
NTT DOCOMO, INC.  
11-1, NAGATACHO 2-CHOME  
CHIYODA-KU  
TOKYO, JAPAN 100-6150SERIAL NUMBER: 10043546  
PATENT NUMBER:FILING DATE:  
ISSUE DATE:

RECEIVED JUL 16 20
Docket Date: 07/10/2002
Docket No.: 3815-147 US
Attorney(s): FJD/RFH/APA
Action: _____
Action Date: _____

Docket No. 3815/147

**ASSIGNMENT**

WHEREAS, we, 1) Takeshi YOSHIMURA, 2) Takashi SUZUKI, 3) Toshiro KAWAHARA and 4) Minoru ETOH

citizens of Japan,

residing at 1) 1-2-33-409, Mutsuura, Kanazawa-ku, Yokohama-shi,  
Kanagawa 236-0031, Japan  
2) Room 123, 983 South Thompson RD, Lafayette, CA 94549 U.S.A.  
3) 131 Sewall Avenue APT 1, Brookline, MA 02446 U.S.A.  
4) 39-21, Noukendaideri, Kanazawa-ku, Yokohama-shi,  
Kanagawa 236-0053, Japan

have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for Letters Patent of the United States titled

**ENCRYPTION APPARATUS, DECRYPTION APPARATUS, AND AUTHENTICATION INFORMATION ASSIGNMENT APPARATUS, AND ENCRYPTION METHOD, DECRYPTION METHOD, AND AUTHENTICATION INFORMATION ASSIGNMENT METHOD**

(hereinafter referred to as "said application"), said application having been executed on even date herewith or filed on January 10, 2002 and assigned application Serial No. 10/043,546.

WHEREAS, NTT DoCoMo, Inc., (hereinafter together with its successors and assigns referred to as "the Assignee"), a Japanese corporation, having a place of business at

11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150, Japan

is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, we have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee all right, title and interest in, to and under said invention(s) and said application, including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent which may issue thereon in the United States and foreign countries, and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention(s) or upon said applications; to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application and said Letters Patent, the same to be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the same would have been held and enjoyed by us had this Assignment not been made. We hereby authorize the Assignee to file patent applications in any and all countries on any or all of said invention(s) in our names, or in its name, or otherwise as the Assignee may deem advisable, under the International Convention or otherwise.

- 1 -

BRMPS1 146618.01

Docket No.

We hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

We hereby represent and warrant that we have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

We hereby covenant and agree that we will, upon request of the Assignee, communicate to the Assignee any facts known to us relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

Date: March 20, 2002

Takeshi Yoshimura  
(Signature) Takeshi YOSHIMURA

Date: March 20, 2002

Takashi Suzuki  
(Signature) Takashi SUZUKI

Date: March 20, 2002

Toshiro Kawahara  
(Signature) Toshiro KAWAHARA

Date: March 20, 2002

Minoru Etoh  
(Signature) Minoru ETOH

Pat No.: 15689.0

FORM PTO-1685 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
PDS/REV03

# RECORDATION FORM COVER SHEET

## PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**NTT MOBILE COMMUNICATIONS NETWORK INC.**

2. Name and address of receiving party(ies):

Name: **NTT DOCOMO, INC.**

Internal Address: \_\_\_\_\_

Street Address: **11-1, Nagatacho 2-chome, Chiyoda-ku**  
**Tokyo, Japan**

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☒ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: **April 1, 2000**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

see attached list for

B. Patent No.(s)

applications and  
patents affected

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Adrian J. Lee**

Internal Address: \_\_\_\_\_

Street Address: **Workman, Nydegger & Seeley**

**1000 Eagle Gate Tower, 60 East South Temple**

City: **Salt Lake City** State: **UT** ZIP: **84111**

6. Total number of applications and patents involved: **52**

7. Total fee (37 CFR 3.41):.....\$ **2,080.00**

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

**23-3178**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**ADRIAN J. LEE**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **16**